ICE 1764.

IN STHE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 09/837,503 Confirmation No. 8044

Applicant : Vincent M. Callaghan et al.

Filed : April 18, 2001

TC/A.U. : 1764

Examiner : Jennifer A. Leung

Docket No. : 01-104 Customer No. : 34704

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313

## INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Submitted herewith is prior art for the consideration of the Examiner. This submission includes prior art from a corresponding foreign patent office search which is more than three months prior to the filing of this statement. Thus, this statement is accompanied by the fee of \$180.00 as required under 37 C.F.R. 1.17(p).

The enclosed listing shows three Japanese publication documents and six other documents. The three Japanese publications were cited in a Japanese office action, and a translation of the Japanese office action is enclosed to explain relevance of these documents. The remaining art was cited in a German office action, and a translation of the German office action is enclosed to show relevance of these references.

In addition, the enclosed citation contains several United States patents which are corresponding English language documents related to some of the enclosed foreign language prior art. These United States patents have not been thoroughly inspected to confirm exact correspondence to the foreign documents, but are nevertheless made of record to assist the Examiner in consideration of same.

180.00 GP

Appln. No. 09/837,503 Information Disclosure Statement October 5, 2006

It is believed that no additional fee is required in connection with this submission. If any such fee is due, please charge same to deposit account 02-0184.

Respectfully submitted,

Vincent M. Callaghan et al.

George A. Coury

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Date: October 5, 2006

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Sheet 1

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

MARK	Complete II Known	`
Application Number	09/837,503	
Filing Date	April 18, 2001	
First Named Inventor	Vincent M. Callaghan et al.	
Art Unit	1764	
Examiner Name	Jennifer A. Leung	
Attorney Docket Numb	per 01-104	

			U. S. PATEN	T DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		<sup>US-</sup> 6,562,088 B2	05-13-2003	Kunihiro Ukai et al.	
		<sup>US-</sup> 6.231.831 B1	05-15-2001	Autenrieth et al.	
		<sup>US-</sup> 4,473,622	09-25-1984	Paul J. Chludzinski et al.	
		<sup>US-</sup> 5,401,589 A	03-28-1995	lan Palmer et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> ( <i>if known</i> )	MM-DD-YYYY	,	Or Relevant Figures Appear	T⁰
		JP 2000-086203 A	03-28-2000	Ukai Kunihiro et al.		
		JP 62-283567 A	12-09-1987	Takeu Toshihiko		
-		JP 05-326008 A	12-10-1993	Doi Kunihiro et al.		
		DE 197 41 331 A1	04-01-1999	Reinhard Menzer et al.		
		DE 199 30 051 A1	01-18-2001	Norbert Wiesheu et al.		
		EP 0 924 161 A2	06-23-1999	Rainer Autenrieth et al.		

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nitials*	No.'		MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant
		Number-Kind Code <sup>2 (il known)</sup>			Figures Appear
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Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	6
	Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	Ľ
	WO 01/24922 A1	04-12-2001	DOCTER Andreas et al.		
	DE 33 45 958 A1	06-28-1984	Paul John Chludzinski et al.		
	DE 41 93 026 T1	10-07-1993	lan Palmer et al.		
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